SYSTEM AND METHOD PROVIDING A SPATIAL LOCATION CONTEXT

ABSTRACT

A software and hardware architecture operating across a local or wide area
5   network providing an integral spatial location context. Such spatial location contexts
form the foundation for location-enabled systems and transactions by integrating an
extensible plurality of spatial and time reference systems and encodings; an accurate and
precise metadata model; persistent identification; and a flexible digital security model.
This application also teaches the use of such location-enabled systems and transactions to
10   create methods and systems for automation, transaction processing, integration, and
exchange of spatially relevant information over a communications network like the
Internet.